

DOLIN, A.O.; KRYLOV, V.N.; LUK'YANENKO, V.I.; FLEROV, B.A.

Recent experimental data on conditioned reflex production and the inhibition of immune and allergic reactions. Zhur.vys.nerv.deiat. 10 no.6:832-841 N-D '60. (MIRA 14:1)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.
(CONDITIONED RESPONSE) (ALLERGY) (IMMUNITY)

LUK'YANENKO, V.I., kard.meditsinskikh nauk (Leningrad)

Method of applying a sling bandage. Fel'd. 1 akush. 25 no. 6143-44
Je '60. (MIRA 1319)

(BANDAGES AND BANDAGING)

LUK'YANENKO, V.I.

Inhibition of the anaphylactic reaction by mechanisms of dynamic
stereotype. Biul. eksp. biol. i med. no.2:82-86 F '61.

(MIRA 14:5)

1. Iz otdela immunobiologii (zav. - deystvitel'nyy chlen AMN SSSR
N.N.Zhukov-Verezhnikov) Instituta eksperimental'noy biologii (dir.-
prof. I.N.Mayskiy) AMN SSSR i otdela eksperimental'noy biologii i
patologii (zav. - prof. I.K.Yesipova) Instituta eksperimental'noy
biologii i meditsiny (dir. - prof. Ye.N.Meshalkin) Sibirskogo
otdeleniya AN SSSR, Moskva. Predstavlena akademikom V.N.Chernigovskim.
(ANAPHYLAXIS) (CEREBRAL CORTEX)

LUK'YANENKO, V.I.

Role of the mechanisms of dynamic stereotypy in the physiological
measures of defense. Trudy Inst. vys. nerv. deiat. Ser. patofiziol.
no.9:116-122 '61. (MIRA 15:4)

(STEREOTYPE (PSYCHOLOGY)) (ALLERGY)

LUKYANENKO, V.I.

The functional structure of the immunogenic process and its nervous regulation. Folia biol. 7 no.6:379-389 '61.

1. Institute of Experimental Biology, Academy of Medical Sciences
of the U.S.S.R., Department of Immunobiology, Moscow.
(ANTIGEN-ANTIBODY REACTIONS physiol.)
(CENTRAL NERVOUS SYSTEM physiol.)
(REFLEX, CONDITIONED exper.)

LUKIANENKO, V. I. [Lukyanenko, V. I.]

Conditional-reflex regulation of immunobiological reactions. *Analele
biol* 15 no.6:93-112 N-D '61.

LUK'YANENKO, V.I.

Role of physiological mechanisms of a dynamic stereotype in the directivity changes of allergic reactions. Report No.1: Relationship between the reaction of the organism to antigenic stimulations and the neurodynamic state of higher brain parts. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no.1:11-14 Ja-F '61. (MIRA 14:4)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti Moskovskogo universiteta.
(ANAPHYLAXIS) (BRAIN)

LUK'YANENKO, V.I.

Role of physiological mechanisms of a dynamic stereotype in the directivity changes of allergic reactions. Report No.2: Experimental study of the role of dynamically stereotypic mechanisms in the inhibition of anaphylaxis. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no.2: 24-29 Mr-Apr '61. (MIRA 14:5)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta.
(ANAPHYLAXIS)

LUK'YANENKO, V.I., kand.med.nauk (Leningrad)

Some problems in the care of the oral cavity in hospitalized patients.
Med. sestra 20 no.4:45-48 Ap '61. (MIRA 14:5)
(MOUTH-CARE AND HYGIENE)

LUK'YANENKO, V.I. (Moskva)

Conditioned reflex regulation of immunobiological reactions. Usp.
sovr. biol. 51 no. 2:170-187 Mr-Apr '61. (MIRA 14:4)
(CONDITIONED RESPONSE) (ANTIGENS AND ANTIBODIES)

LUK'YANENKO, V.I.

Mechanism of the anesthetic arrest of anaphylactic reactions.
Biul. eksp. biol. i med. 51 no.5:81-85 My '61. (MIRA 14:8)

1. Iz kafedry fiziologii zivotnykh (zav. - chlen-korrespondent
AN SSSR prof. Kh.S.Koshtoyants [deceased]) Moskovskogo ordena Lenina
i ordena Trudovogo Krasnogo Znameni gosudarstvennogo universiteta
imeni M.V.Lomonosova.

(ANAPHYLAXIS)

(ANESTHESIA)

LUK'YANENKO, V.I.

The phenomenon of the separation of basic components of the anaphylactic reaction. Dokl. AN SSSR 136 no.4:997-1000 F '61.
(MIRA 14:1)

1. Institut eksperimental'noy biologii Akademii meditsinskikh nauk SSSR. Predstavleno akademikom A.N. Bakulevym.
(ANAPHYLAXIS)

LUK'YANENKO, V.I.

Experiments on the physiological analysis of anaphylaxis and its
inhibition by aminazine. Dokl.AN SSSR 138 no.5:1234-1237 Je '61.
(MIRA 14:6)

1. Predstavleno akademikom V.N.Chernigovskim.
(ANAPHYLAXIS) (CHLORPROMAZINE)

LUK'YANENKO, V.I.

Physiological analysis of the process of immunogenesis with
reference to its conditioned reflex regulation. Izv.AN SSSR.Ser.
biol.27 no.4:592-602 J1-Ag '62. (MIRA 15:9)

1. Institute of Experimental Biology, Academy of Medical Sciences
of the U.S.S.R., Moscow.
(CONDITIONED RESPONSE) (IMMUNOLOGY)

LUK'YANENKO, V.I.

Physiological conception of the anamnestic reaction. Biul
eksp. biol. i med. 54 no.12:71-74 D'62. (MIRA 16:6)

1. Iz otdela immunologii (zav. - deystvitel'nyy chlen AMN
SSSR N.N.Zhukov-Verezhnikov) Instituta eksperimental'noy
biologii (dir. - prof. I.N.Mayskiy) AMN SSSR, Moskva. Pred-
stavlena deystvitel'nyy chlenom AMN SSSR N.N.Zhukovym-Ve-
rezhnikovym.
(ANITIGENS AND ANITBODIES)

LUK'YANENKO, V.I.; MIYESEROVA, Ye.K.

Comparative immunological study of the complementary
function of the blood in fishes. Dokl. AN SSSR 146
no.4:971-974 O '62. (MIRA 15:11)

1. Predstavleno akademikom V.N. Chernigovskim.
(Immunohematology) (Fishes--Physiology)

LUK'YANENKO, V.I.; MIKHEYEVA, G.A.

Properdin content in fishes. Dokl. AN SSSR 148 no.2:469-472 Ja
'63. (MIRA 16:2)

1. Institut biologii vodokhranilishch AN SSSR i Institut pedia-
trii AMN SSSR. Predstavleno akademikom K.I. Skryabinym.
(Properdin) (Fishes—Physiology)

LUK'YANENKO, V.I.; ALEKSANDRYUK, S.P.

Active and passive anaphylaxis in worms. Dokl. AN SSSR 153
no.4:970-973 D '63. (MIRA 17:1)

1. Institut biologii vodokhranilishch i Laboratoriya gel'-
mintologii AN SSSR. Predstavleno akademikom K.I. Skryabinym.

LUK'YANENKO, V.I.; FLEROV, B.A.

Experimental data on the age factor in fish resistance to toxic substances. Farm. i toks. 26 no.5:625-629 S.S. '63.

(MIRA 17:8)

1. Laboratoriya fiziologii presnovodnykh zhivotnykh instituta biologii vnutrennikh vod AN SSSR.

LUK'YANENKO, V.I.

Antibody formation function in the dolphin *Phocaena phocaena*.
Dokl. AN SSSR 157 no.3:737-739 J1 '64. (MIRA 17:7)

1. Institut biologii vnutrennikh vod AN SSSR, Predstavleno
akademikom A.N. Bakulevym.

LUK'YANENKO, V.I., dotsent, referent

Minutes of the Section of Plastic Surgery of the Pirogov Surgical
Society for meetings Nos. 14, 15 and 16. Vest. Khir. 91 no.12:
118-123 D '63. (MIRA 17:9)

LUK'YANENKO, V.I., kand. med. nauk, podpolkovnik meditsinskoy sluzhby

Pathogenesis of mandibular osteomyelitis of gunshot etiology; experimental study. Voen.-med.zhur. no.11:35-40 '64. (MIRA 18:5)

LUK'YENENKO, V.I., dotsent, referent

Minutes of meeting No. 18 of October 8, 1963 the Plastic
Surgery Section of the Pirogov Surgical Society. Vest.
khir. 92 no.2:155-156 F '64. (MIRA 17:9)

LUK'YANENKO, V.I., dotsent, referent

Minutes of the Plastic Surgery Section of the Pirogov Surgical
Society for meeting No.17. Vest. khir. 92 no.1:150-151 Ja '64.
(MIRA 17:11)

KUTUSHEV, F.Kh., doktor med. nauk, referent; LUK'YANENCO, V.I., dotsent,
referent; SUSLENNIKOVA, E.A., kand. med. nauk, referent; NIKOLAYLOVICH,
V.A., referent

Proceedings of Surgical Societies. Vest. khir. 92 no.6:138-149
Je '64. (MIRA 18:5)

LUK'YANENKO, V.I., dotsent, referent; KLEMENTOV, A.V., dotsent, referent

Sittings of the plastic surgery section of the Pirogov Surgical
Society. Vest. khir. 93 no.8:156-157 Ag '64. (MIRA 18:7)

LUK'YANENKO, V.I.

Interspecific differences in the rate of occurrence and content of serum
lysozyme in fishes. Izv. AN SSSR, Ser. biol. no. 3:409-413 My-Je '85.

(MIRA 18:5)

1. Institut biologii vnutrennikh vod AN SSSR.

L 1634-66

ACCESSION NR: AP5017765

UR/0216/65/000/004/0569/0575
612.0.17.11/.12

AUTHOR: Luk'yanenko, V. I.

TITLE: Pharmacological analysis of the functional structure of an anaphylactic reaction 21 B

SOURCE: AN SSSR. Izvestiya. Seriya biologicheskaya, no. 4, 1965, 569-575

TOPIC TAGS: experiment animal, allergy, immunity, antigen, antibody, autonomic nervous system, chlorpromazine, tranquilizer, blood serum

ABSTRACT: The structure of an anaphylactic reaction and the role of the central nervous system in the physiologic regulation of allergic reactivity were studied in 4 experimental series. Groups of guinea pigs received subcutaneous or intraperitoneal sensitizing doses of horse serum, and after 18-21 days received intraperitoneal or intracardial injections of protein. In tests for passive anaphylaxis, sensitization was obtained by rabbit serum followed by an intracardial injection of horse serum 24 hrs later. In vitro studies were conducted on isolated uterus cornua in Tyrode's solution, using horse serum, Card 1/3

L 1634-66

ACCESSION NR: AP5017765

acetylcholine and histamine, and reactions were determined by muscular contraction. The functional structure of the anaphylactic reaction and nervous regulation were studied with urethane, chlorpromazine, diazole and cadmium dichloride, an inhibitor of SH-groups. Analysis of results obtained with cadmium dichloride showed that blocking of SH-groups in the tissue proteins depressed the smooth muscle response of sensitized animals to the serum antigen. The muscles became desensitized, that is, did not respond even after cadmium dichloride had been removed. Chlorpromazine injected daily sharply reduced the severity of the anaphylactic reaction, but had no effect on the antigen-antibody reaction itself, probably due to its nerve blocking effect. Diazole injected daily did not prevent anaphylactic shock and test animals and controls behaved similarly. It is concluded that the functional structure of the anaphylactic reaction consists of two closely interrelated components, a specific and a non-specific mechanism. The specific component is the particular immune mechanism. The non-specific component, the physiological reaction proper, involves many organ systems, primarily those of smooth muscles. The functional activity level of the systems may be changed by various effects, including that of antigens. The central nervous regulation of this reaction involves mainly the non-specific

Card 2/3

L 1634-66

ACCESSION NR: AP5017765

component. Orig. art. has: 1 table and 3 figures.

ASSOCIATION: Institut biologii vnutrennikh vod AN SSSR (Institute of Biology of Inland Waters, AN SSSR)

SUBMITTED: 25Oct62

ENCL: 00

SUB CODE: LS

NR REF SOV: 006

OTHER: 008

Card

3/3

RP

LUK'YANENKO, V.I.

Individual variability and specific differences of the complement activity in fish. Izv. AN SSSR. Ser. biol. 31 no.1:148-156 Ja-F '66. (MIRA 19:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut osetrovogo khozyaystva, Astrakhan'.

LUK'YANENKO, V.I.

Natural antibodies in fishes. Zool. zhur. 44 no.2:300-304 '65.
(MIRA 18:5)

1. Institut biologii vnutrennikh vod AN SSSR, Borok, Nekouzskogo
rayona, Yaroslavskoy oblasti.

LUK'YANENKO, V.I.; SOROKIN, Yu.I.

Rate of the incorporation of antigen and its distribution in the
tissue of a fish (*Rutilus rutilus* L). Dokl. AN SSSR 161 no.5:1246-
1248 Ap '65. (MIRA 18:5)

1. Institut biologii vnutrennikh vod AN SSSR. Submitted June 30,
1964.

LUK'YANENKO, V.I.

Comparative characteristics of the humoral factors of natural immunity in sturgeons. Dokl. AN SSSR 164 no.2:466-468 S '65.
(MIRA 18:9)

1. Tsentral'nyy nauchno-issledovatel'skiy institut osetrovogo khozyaystva. Submitted November 18, 1964.

LUK'YANENKO, V.I.; FLEROV, B.A.

Characteristics of the species of freshwater fishes as to their
sensitivity and resistance to phenol. Gidrobiol. zhur. 1 no.2:
48-53 '65. (MIRA 18:6)

1. Institut biologii vnutrennikh vod AN SSSR, Borok.

LEBEDEV, B.M., inzh.; LUK'YANENKO, V.S., inzh.

Skip hoist for conveying charge into the cupola furnace.
Mashinostroenie no.6:31-32 N-D '63. (MIRA 16:12)

LUK'YANENKO, V.S., inzh.; LEBEDEV, B.M., inzh.

Mechanization and automation of chill casting processes.
Mashinostroenie no. 2:10-13 Mr-Ap '64. (MIRA 17:5)

LUK'YANENKO, V. S.

Teeth - Diseases

New trends in stomatology. Stomatologiya No. 2 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

LUK'YANENKO, V.S. (Kaliningrad)

Comparative evaluation of certain conservative methods used in the
therapy of pulpitis. Stomatologiya, no. 6:15-18, '53. (MLHA 7:1)
(Teeth--Diseases)

LUK'YANENKO, V.S. (Kalininograd)

Dynamics of dental caries following excision of the submaxillary glands. Stomatologiya no.1:33-34 Ja-F '55. (MLRA 8:5)

(DENTAL CARIES, physiology,

eff. of excis. of submaxillary glands)

(SALIVARY GLANDS, physiology,

eff. of excis. on dent. caries, submaxillary glands)

LUK'YANENKO, V.S.(Kaliningrad)

Treatment of acute inflammatory diseases of the tongue.
Stomatologia no.5:31-33 S-0 '55.

(MLRA 9:2)

(GLOSSITIS, therapy)

LUK'YANENKO, V.S., podpolkovnik meditsinskoy sluzhby

Intraosseous osteosynthesis in the treatment of experimental fractures of the lower jaw; A preliminary report. Stomatologiya 35 no.1:22-26 Ja-F '56. (MIRA 9:6)

1. Iz kafedry chelyustno-litsevoy khirurgii i stomatologii Voenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(JAWS--SURGERY)

LUK'YANENKO, V.S., inzh.; IVANOV, A.I., inzh.

Continuous washing of small parts. Mashinostroenie no.6:19-20
N-D '65. (MIRA 18:12)

BOCHVAR, O.S.; LUK'YANENKO, V.V.

Effect of repeated thermal treatment on the mechanical properties
of the D16 alloy at room and higher temperatures. Issl.
splav.tsvet.met. no.2:33-42 '60. (MIRA 13:5)
(Duralumin--Heat treatment)
(Metals, Effect of temperature on)

1. LUK'YANENKO, YA.
2. USSR (600)
4. Grasses
7. Increasing harvests of perennial grasses. Kolch. proiz. no 12 '52.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

LUK'YANENKO, Ya.F.

Developing and adapting crop rotations at the Agricultural Experiment
Station of Chuvashia. Zemeledelie 5 no.3:19-24 Nr '57.

(MLRA 10:3)

(Chuvashia--Rotation of crops)

LUK'YANENKO, Ya. F.

LUK'YANENKO, Ya. F., Cand Agr Sci — (diss) "Experience of the cultivation and utilization of occupied fallows in kolkhozes of the Chuvashskaya ASSR." Gor'kiy, 1958. 16 pp (Min of Agr USSR, Gor'kiy Agr Inst). 150 copies. List of author's works 16 pp (18 titles) (KL, 20-58, 100)

LUK'YANENKO, Ya.F., kand.sel'skokhozyaystvennykh nauk

Effectiveness of mixed seeding of perennial grasses by alternating
rows. Zemledelie 7 no.3:76-79 Mr '59. (MIRA 12:4)
(Grasses) (Legumes)

LUK'YANENKO, Ye.

Educating the college youth. Sov. profsoiuzy 7 no.12:35-36 Je
'59. (MIRA 12:9)

1. Predsdatel' profbyuro filologicheskogo fakul'teta Dnepropetrovskogo
gosuniversiteta.
(Dnepropetrovsk--Student activities)

ACC NR: AP7002604

(A, N)

SOURCE CODE: UR/0413/66/000/023/0112/0112

INVENTORS: Kozhushko, S. G.; Luk'yanenko, Ye. G.

ORG: none

TITLE: An automatic reversed valve. Class 47, No. 189260

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1966, 112

TOPIC TAGS: valve, hydraulic device, hydraulic equipment

ABSTRACT: This Author Certificate presents an automatic reversed valve with a piston of a streamlined shape. This piston serves as a shut-off organ and moves along the axis of a pipe. To do away with the hydraulic impact, a hole is provided in the bottom part of the base shutter. This hole connects the inside opening of the shutter with the pipe. Another hole is made in the upper part to pass a portion of liquid from the pipe to a pressure nipple. This nipple is covered by an auxiliary shutter placed in a bushing that runs along the longitudinal axis of the main shutter. The auxiliary shutter is motivated by a distributing assembly connected to a pipe which contains an activating working medium.

SUB CODE: 13, 14/ SUBM DATE: 21Oct61

Card 1/1

UDC: 621.646.248-52:621.646.943

0730

5720

SHUSHERINA, N.P.; LUK'YANETS, Ye.A.; LEVINA, R.Ya.

δ -Lactones and ϵ -lactams. Part 38: Halogenation of
5-chloro-6-aryl-3,4-dihydro-2-pyrones. Zhur. ob. khim.
34 no.8:2504-2507 Ag '64. (MIRA 17:9)

δ -Lactones and ϵ -lactams. Part 39: New synthesis of
5-halo-6-aryl-2-pyrones and 6-aryl-2-pyrones. Zhur. ob.
khim. 34 no.8:2507-2512 Ag '64. (MIRA 17:9)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

ALEKSEYEVA, G.I. [Aleksieieva, H.I.], inzh.; LUK'YANENKO, Yu.D. [Luk'ianenko, Yu.D.], inzh.

New equipment for construction. Nauka i zhyttia 8 no.8:53-
55 Ag '58. (MIRA 12:1)
(Construction industry--Equipment and supplies)

ZUYEV, V., kand. tekhn. nauk; LUK'YANENKOV, I., inzh.-mekhanik

Mechanized removing of manure. Nauka i pered. op. v sel'khoz
9 no.10:52-55 0 '59 (MIRA 13:3)
(Farm manure) (Farm equipment)

LUK'YANENKOV, I.I., inzh.

Power supply reservation for machine milking of cows. Mekh. i
elek. sots. sel'khoz. 21 no.1:39-41 '63. (MIRA 16:7)

1. Vsesoyuznyy gosudarstvennyy institut po proyektirovaniyu
elektrifikatsii sel'skogo khozyaystva.
(Milking machines)
(Electricity in agriculture)

SHATEMIROV, K.; LUK'YANETS, A.

Formation of salt efflorescence during the laying of bricks in
house building. Izv.AN Kir.SSR.Ser.est.1 tekhn.nauk 2 no.3:
67-73 '60. (MIRA 13:9)
(Bricks)

GRIGOR'YEVA, V.V., YEREMENKO, V.N., LUK'YANETS, A.P.

Structure and properties of materials on a silicon carbide base;
investigating changes of structure and phase constitution
during heating and soaking at high temperatures. Vop. por. met.
i prochn. mat. no.8:61-65 '60. (MIRA 13:8)

(Silicon carbide)

(Metal powder products--Testing)

LUK'YANETS, N.I.

Glycemic changes in the pathology of the stomach. Zdrav. Kazakh. 21
no. 4:14-19 '61. (MIRA 14:4)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - professor A.B. Rayz)
Kazakhskogo meditsinskogo instituta.
(STOMACH—DISEASES) (SUGAR IN THE BODY)

KRYZHANOVSKAYA, I.I., prof.; DMITRICHENKO, V.P.; LUK'YANETS, N.V.

Hemodynamic indicators and gases in the blood of patients with
chronic nonspecific pulmonary diseases. Vrach.delo no.3:11-16
Mr '63. (MIRA 16:4)

1. Kafedra gosptal'noy terapii (zav. - prof. I.I.Kryzhanovskaya)
Dnepropetrovskogo meditsinskogo instituta.
(BLOOD--EXAMINATION) (LUNGS--DISEASES)

LUK'YANETS, P. I.

The fuel supply apparatus of the engine IAAZ-204; structure, technical discharge and adjustment, Moskva, Gos. nauchno-tekhn. Izd-vo mashinostroitel. lit-ry, 1952. 126 p. (V pomoshch' shoferustotysiachniku) (52-67823)

TL210.L84

LUK'YANETS, P. I. Toplivopodaiushchaia...1952 (Card 2. 52-67823)

1. Automobiles - Motors. I. Khovakh, M. S., jt. au.

LUK'YANETS, V. B.

LUK'YANETS, V. B.: "Soil ecotypes and morphological forms of oak, and their significance in forest seed-raising". Voronezh, 1955. Min Higher Education USSR. Voronezh Forestry Inst. (Dissertations for the degree of Candidate of Agricultural Science.)

SO: Knizhnaya Letopis' No. 50 10 December 1955. Moscow.

Luk'yanets, V.B.
USSR/Forestry - Forest Mants.

K-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10610
Author : Luk'yanets, V.B.
Inst : Voronezh Forest Engineering Institute.
Title : The Influence of the Origin of Acorns on the Growth and Drought Resistant Qualities of Their Oak Seedlings.
Orig Pub : Nauchn. zap. Voronezhsk. lesotekhn. in-ta, 1956, 15, 49-55.
Abstract : The results are given of vegetation experiments on the influence of variability of oak trees according to forest type and the form of the maternal tree -- whether large-fruit or small-fruit -- on the growth and drought resistant qualities of the one year old seedlings. The research was conducted in basic groups of oak plantations of the Tellerman massif (river bottom oak groves, groves on

Card 1/2

USSR/Forestry - Forest Plants.

K-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10610

on sandy loams, on dark-gray argillaceous soils, and on saline soil). Dark-gray forest loam was the substratum for growing the seedlings. The young oaks in the river bottom and gout weed-sedge grass groves on dark-gray argillaceous soils showed the best growth. The seedlings grown from acorns of large-fruit perocarps (from all types of forests) grew the fastest. The most drought-resistant were oaks from pine oak groves and oak groves growing on solonetz soils. Acorns from large-fruit pericarps give seedlings which wither sooner under dry conditions but, on the other hand, restore their above-ground part more successfully when water becomes available.

Card 2/2

SHUSHERINA, N.P.; LEVINA, R.Ya.; LUK'YANETS, Ye.A.; TRUBNIKOV, I.S.

δ -Lactones and δ -lactams. Part 30:6-alkyl-3,4-dihydro-2-pyrones.
Zhur.ob.khim. 32 no.11:3602-3607 N '62. (MIRA 15:11)

1. Moskovskiy gosudarstvennyy universitet imeni
M.V. Lomonosova.

(Pyranone)

SHUSHERINA, N.P.; DMITRIYEVA, N.D.; LUK'YANETS, Ye.A.; LEVINA, R.Ya.

Nitration and bromination of 6-phenyl-2-pyrone. Zhur.ob.khim.
33 no.10:3434-3435 0 '63. (MIRA 16:11)

1. Moskovskiy gosudarstvennyy universitet.

PEREL'SON, M.Ye.; SHEYNKER, Yu.N.; DMITRIYEVA, N.D.; LUK'YANETS, Ye.
A.; SHUSHERINA, N.P.; LEVINA, R.Ye.

Integrated intensities of $C=O$ bands in the infrared spectra
of substituted α -pyrones. Izv. AN.SSSR.Ser.khim. no. 5:938-
941 My '64. (MIRA 17:6)

1. Institut khimii prirodnikh soyedineniy AN SSSR i Moskovskiy
gosudarstvennyy universitet im. M.V.Lomonosova.

SHUSHERINA, N.P.; LUK'YANETS, Ye.A.; LEVINA, R.Ya.

δ -Lactones and δ -lactams. Part 35: Dichlorides of 3,4-dihydroxypyra-
none-2(δ -enol lactones). Zhur.ob.khim. 34 no.1:20-24 Ja '64.

(MIRA 17:3)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

SHUSHERINA, N.P.; LUK'YANETS, Ye.A.; LEVINA, R.Ya.

δ -Lactones and δ -lactams. Part 45: Halogenation of 6-aryl-
2-pyrones. Zhur. org. khim. 1 no.4:679-683 Ap '65.
(MIRA 18:11)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

LUK'YANETS, Ye.A.; SHUSHERINA, N.P.; TRESHCHOVA, Ye.G.; KAZITSINA, L.A.;
LEVINA, R.Ya.

δ -Lactones and δ -lactams. Part 47: Spectroscopic study of
 δ -enollactones with a semicyclic and endocyclic double bond.
Zhur. org. khim. 1 no.7:1194-1199 J1 '65.

(MIRA 18:11)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.

SHUSHERINA, N.P.; LUK'YANETS, Ye.A.; LEVINA, R.Ya.

δ -Lactones and δ -lactams. Part 48: New synthesis of 6-bromomethyl-5-alkyl(aryl)-2-pyrones. Zhur. org. khim. 1 no.8:1502-1507 Ag '65. (MIRA 18:11)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

LIK'YANETS, Ye.A.; SHUSHERINA, N.P.; LEVINA, R. Ya.

6-lactones and 6-lactams. Part 49: Synthesis of 6-alkyl-
pyrones. Zhur. org. khim. 1 no. 12:2226-2228 D 165
(MIRA 19:1)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
Submitted November 23, 1964.

GANZ, S.N.; LUK'YANITSA, A.I.; SEREBRYANY, Ya.A.

Intensifying the process of neutralizing pickling solutions
and acid washing waters. Stal' 23 no. 3:282-283 Mr '64.
(MIRA 17:5)

1. Dnepropetrovskiy khimiko-tekhnologicheskii institut.

GANZ, S.N.; LUK'YANITS, A.I.; BRAGINSKAYA, R.P.

Process of thermal dissociation of iron vitriol. Trudy DKHTI
no.16:221-224 '62 (MIRA 17:8)

GANZ, S.N.; LUYIZANITSA, A.I.; BEL'CHINA, L.A.

Production of nitrogeous-ferrous fertilizers from pickling solution wastes. Zhur.prikl.khim. 37 no.7:1606-1609 J1 '69

Simultaneous production of nitrogeous-ferrous fertilizers and purification of gases by the removal of nitrogen oxides. Ibid.:1609-1611 (MIRA 18:4)

1. Dnepropetrovskiy khimiko-tekhnologicheskij institut.

GORETSKIY, V.V.; (LUK'YANITSA, G.F.

Automatic batching of petroleum products. Priborostroenie
no. 12:21-22 D '60. (MIRA 14:1)
(Weighing machines)

GANZ, S.N.; LUK'YANITSA, A.I.

Thermal dissociation of FeSO_4 in suspension. *Izv.vys.ucheb.zav.;khim.i*
khim.tekh. 6 no.5:811-815 '63. (MIRA 16:12)

1. Dnepropetrovskiy khimiko-tehnologicheskii institut imeni
F.E.Dzerzhinskogo, kafedra tekhnologii neorganicheskikh veshchestv.

PISKAREV, A., kand.tekhn.nauk; LUK'YANITSA, L., inzh.

Quality changes in fish under refrigeration. Khol.tekh. 33
no.4:45-47 O-D '56. (MIRA 12:1)
(Fish, Frozen)

PISKAREV, A., kand.tekhn.nauk; KAMINARSKAYA, A., kand.tekhn.nauk; LUK'YANITSA,
L., inzh.

Storage of the frozen Baltic herring (*Clupea harengus membras*, L)
for the canning industry [with summary in English]. Khol.tekh.
37 no.2:40-43 My-Ap '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy
promyshlennosti.

(Fish, Frozen)

PISKAREV, A., kand.tekhn.nauk; LUK'YANITSA, L., inzh.; FOMICHEVA, K.,
inzh.

Storage of fatty fish at low temperatures. Khol.tekh. 37 no.5:43-
46 S-O '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy
promyshlennosti.

(Fish--Storage)

PISKAREV, A. I., KAMINARSKAYA, A. K., LUKYANITSA, L. G.

"The Application of Glazing and Low Temperatures in the Storage of Frozen Sprat (*Clupea harengus membras* Linne)."

Report submitted for the 10th Intl. Refrigeration Congress, Copenhagen,
19 August - 2 September 1959.

PISKAREV, Aleksey Ivanovich; KAMINARSKAYA, Aleksandra Ksenofontovna;
LUK'YANITSA, Lyudmila Grigor'yevna; KAPLUN, M.S., red.; DVORKIN,
L.M., tekhn. red.

[Qualitative changes in frozen fish] Kachestvennye izmeneniia ryby
pri zamorazhivanii; nauchnoe soobshchenie. Moskva, Gos. izd-vo
torg. lit-ry, 1960. 39 p. (MIRA 14:9)

(Fish, Frozen)

PISKAREV, A.I., kand.tekhn.nauk; BORNOVALOVA, A.P., inzh.;
LUK'YANITSA, L.G., inzh.

Cold storage of ~~S~~codfish and bass. Khol. tekhn. 38 no.3:39-43
My-Je '61. (MIRA 15:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy
promyshlennosti im. A.I. Mikoyana.
(~~S~~codfish)
(Bass)

L 38962-86

ACC NR: AP6020034

(A)

SOURCE CODE: UR/0066/66/000/002/0032/0036

AUTHOR: Piskarev, A. I. (Candidate of technical sciences); Luk'yanitsa, L. G.; Ushkalova, L. V.; Dudarev, G. V.; Ogurechnikova, N. V.; Fominova, V. P.; Sangaylene, M. Yu. 843

ORG: [Piskarev, Luk'yanitsa, Ushkalova, Ogurechnikova, Dudarev] All-Union Scientific-Research Institute of the Refrigeration Industry (Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti); [Fominova, Sangaylene] Klaypeda Branch, Central Design and Technological Bureau (Klaypedskiy filial Tsentral'nogo proyektno-konstruktorskogo i tekhnologicheskogo byuro)

TITLE: Investigations on the storage of North Sea herring in refrigerated sea water. I. Technological investigations

SOURCE: Kholodil'naya tekhnika, no. 2, 1966, 32-36

TOPIC TAGS: food, refrigeration, food preservation, fishing ship, sea water

ABSTRACT: The purpose of these investigations was to elicit the technological advantages of storing fish in refrigerated sea water in comparison with storage in ice and the effect of additions to the water of high-polymer compounds on the physicochemical indexes and quality of the fish. During the cruise of an experimental fishing boat two experiments were set up: 22

UDC: 637.56.004.4:551.463/.464

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L 38962-66

ACC NR: AP6020034

the first was on the storage of herring in refrigerated sea water and in ice and the second on the storage of herring in refrigerated sea water with the addition of carboxymethyl cellulose (CMC), which counters swelling and extraction of nitrogenous substances, in a quantity of 0.6% wt. Large herring measuring 23—25 cm were used in the first experiment and average-sized (18—20 cm) for the second experiment. Two hours after the start of cooling the sea water the temperature of the herring dropped to -1C and was later held during the entire experiment at the level from -1.2 to -1.5C, the temperature of the water during the entire experiment being maintained at 0.1—0.2C above the cryoscopic point of the herring. The investigation revealed that the main defect of herring when stored in refrigerated sea water was oxidation of the fat. As a result of this the large herring of the fall catch can be stored in a good condition for no more than 3 days. If the herring are stored for a longer time it is necessary to introduce additives inhibiting the oxidative rancidity of the fat. To prevent the formation of cracks the herring should be stored at a temperature close to the cryoscopic point but not below it since freezing impairs the structure of the muscle tissue. The addition to sea water of CMC in a small concentration (1.6%) does not promote a decrease of swelling. Further investigations of the use of larger concentrations of CMC are needed. It is also pointed out that when herring is stored in sea water for 3 days it is not necessary to change the water, which appreciably simplifies storage. Orig. art. has: 1 table and 3 figures.

SUB CODE: 06/ SUBM DATE: 00/ ORIG REF: 003/ OTH REF: 004

Card

2/2

ULAZOVSKIY, V., kand.tekhn.nauk; LUK'YANITSA, V., inzh.

Constructing buildings of silica and reinforced lime concrete
elements. Zhil. stroi. no.9:17-20 '62. (MIRA 16:2)
(Volgograd--Sand-lime products)

ADAMYAN, A.P., laureat Leninskoy premii; ULAZOVSKIY, V.A.; MOISEVICH,
V.B.; LUK'YANITSA, V.G.; SMAGORINSKIY, B.S., red.

[Reinforced sand-lime construction] Armosilikatnoe stroi-
tel'stvo. Volgograd, Volgogradskoe knizhnoe izd-vo, 1962.
92 p. (MIRA 17:9)

LUK'YANITSA, V.G.

2124. Determination of organic sulphides by
potentiometric titration. V. G. LUK'YANITSA and
A. S. VAKRANOV (Compt. Rend. Acad. Sci. U.S.S.R.,
1963, 80 [6], 1043-44). — KIO_3 reacts with aliphatic
sulphides thus: $KIO_3 + 2RS + 2HCl \rightarrow 2RSO +$
 $+ KCl + ICl + H_2O$, and is used in 90 per cent.
acetic acid to titrate aliphatic sulphides potenti-
ometrically when dissolved in a mixture of dibutyl
phthalate (35 pt.), acetic acid (60 pt.), and water
(5 pt.), containing ICl (0.015 N) and HCl (9.4 N);
the error is ± 1 per cent. R. C. MURRAY

AD 244
①

LUK'YANITSA, V. G.

LUK'YANITSA, V. G.: "A potentiometric method of determining the sulfide sulfur in petroleum products". Moscow, 1955. Acad Sci USSR. Inst of Petroleum. (Dissertations for the Degree of Candidate of Chemical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December 1955. Moscow.

LUK'YANITSA, V. G.

62 ¹ Determination of organic sulfides in the presence of other classes of sulfur compounds. V. G. Luk'yanitsa (Petroleum Inst., Acad. Sci. U.S.S.R., Moscow). *Doklady Akad. Nauk S.S.S.R.*, 102, 1123-5 (1955); cf. *C.A.* 47, 10409k. — Iodometric detn. of sulfides in purified kerosine was used for the detn. of R_2S , in which S, H_2S , thiophene, and olefins do not interfere. Thiophane, thioxane, dithiane, and R_2S up to $C_{10}H_{18}$ were very satisfactorily analyzed with error of less than 0.05% S. Potentiometric method of detn. gives the total of sulfide S. As solvents for such analysis of various petroleum products it is possible to use desulfurized kerosine or transformer oil. G. M. Kosolapoff

LUK'YANITSA, V. G.

USSR/ Chemistry - Organic chemistry

Card 1/1 Pub. 40 - 24/25

Authors : Luk'yanitsa, V. G., and Gal'pern, G. D.

Title : Oxidizing potentials of organic sulfur compounds

Periodical : Izv. AN SSSR. Otd. khim. nauk 1, 130-131, Jan 1956

Abstract : The oxidation potentials of organic sulfur compounds and certain hydrocarbons were investigated by means of the Gorbachev-Vabel differential-potentiometric method. It was established that the irreversible oxidation potentials of mercaptanes have a value of about + 0.2, sulfides + 0.35, disulfides + 0.39, thiophenes + 0.41, aromatic hydrocarbons such as di- and tri-cyclic from + 0.42 to + 0.58 and more than + 0.58 for hydrocarbons of the benzene series. Nine references: 5 USSR and 4 USA (1926-1955). Table.

Institution : Acad. of Sc., USSR, Inst. of Petroleum

Submitted : September 2, 1955

LUK'YANITSKA, V. G.

27
5
1955. SOME DATA ON THE RELATIONSHIP BETWEEN SULFIDE SULPHUR AND TOTAL
SULPHUR IN FRACTIONS OF ROMASHKO AND TUMAY PETROLEUMS. LUK'YANITSKA, V.G.
and Gal'pern, G.D. (Trud. Inst. Neft. Akad. Nauk SSSR (Trans. Inst. Petrol.
Acad. Sci. U.S.S.R.), 1956, vol. 8, 76-83; abstr. in Ref. Zh. Khim. (Ref. J.
Chem. Moscow) 1956, 12, 1, 16554.

Composition and Properties of the High Molecular (Cont.) 647

Weight Fraction of Petroleum; Collection of Papers, Moscow, Izd-vo AN SSSR, 1958, 370pp.
 Luk'yanitsa, V.G., Gal'pern, G.D. Methods for Study of Group Composition of Sulfur Compounds in Petroleum Products 333

The article reviews the existing methods for the determination of sulfur compounds in petroleum products, and enumerates foreign as well as Soviet methods for the analysis of separate classes (free sulfur, hydrogen sulfide, mercaptans, disulfides, sulfides, thiophenes) and for group analysis. There are 3 tables, 1 figure, and 73 references of which 17 are Soviet, 45 English, 5 German, 2 Czech, and 4 French.

Gusinskaya, S.L. The Nature of Sulfur Compounds in Crudes From Southern Uzbekistan 343

It was determined that Southern Uzbekistan crudes have a high sulfur content (3 - 6 percent) and high content of nitrogen compounds (up to 1 percent). Thiophane homologues were detected (methyl-amyl-heptyl) in these crudes. Uch-Kzyl crudes include also thiazoles (methylthiazole). Gasoline and kerosene from these crudes show 2 - 4 percent sulfur. There are 5 tables and 21 references of which are 15 Soviet, 3 English and 3 German.

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LUK'YANITSA,

V. G.

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Akademiya nauk SSSR. Institut nauchnoy informatsii

Khimiya nefli i gaza (Chemistry of Petroleum and Gas) Moscow, Izd-vo AN SSSR, 1958. 477 p. (Series: Itogi nauki; khimicheskiye nauki, 2) Errata slip inserted. 3,000 copies printed.

Ed.: G.D. Gal'pern, Doctor of Chemical Sciences; Ed. of Publishing House: I.P. Loskutova; Tech. Ed.: Ye. V. Makuni.

PURPOSE: This book is intended for the specialist working in the field of petroleum chemistry and for the organic chemist working in related fields.

COVERAGE: This is the first volume of the series devoted to the progress made in petroleum and gas chemistry. The first part of this collection contains survey articles compiled by the staff of the Petroleum Institute, AS USSR. The authors are specialists working on methods for the isolation, separation, and identification of sulfur organic compounds in petroleum. The articles give a survey

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of literature up to 1956 with some coverage of recent research up to 1958. The second part is concerned with the characteristics of high molecular weight compounds and methods for the study of their composition. There are 124 references.

TABLE OF CONTENTS:

Luk'yanitsa, V.G. Methods for the Analysis of Sulfur Compounds in Petroleum and Petroleum Products 13
This article reviews the literature on qualitative and quantitative analysis of sulfur organic compounds in petroleum, on problems dealing with the elementary functional group, and systematic analysis of sulfur-containing petroleum products, and on methods used in the analysis of sulfuric acid. The author includes tables for the comparison of procedures

Card 2/6

LUKYANITSA, V. G.,
LUKYANITS, V. G., OBOLENTSEV, R. D., GALPERN, G. D., AIVAZOV, B. V.,
BEZINGER, N. N., KARAUOVA, E. N., RATOVS KAYA, A. A., TIMOFEYEV, V. D.,
(SECTION V)

"Composition of Sulfur- and Nitrogen-Organic Compounds Contained in
the Oil of the Eastern Areas in the Soviet Union."

Report submitted at the Fifth World Petroleum Congress, 30 May -
5 June 1959. New York.

LUK'YANITSA, V.G.; KARAULOVA, Ye.N.; GAL'PERN, G.D., doktor khimicheskikh
nauk

Study of sulfur compounds of petroleum in the Soviet Union.
Metod.anal.org.soed.nefti,ikh smes. i proizv. no.1:6-20 '60.
(MIRA 14:8)

(Petroleum—Analysis) (Sulfur organic compounds)

GAL'PERN, G.D., doktor khimicheskikh nauk; GIRINA, G.P.; LUK'YANITSA.
V.G.

Iodometric potentiometric determination of sulfide sulfur.

Metod.anal.org.sned.nefti,ikh smes. i proizv. no.1:58-73

'60. (MIRA 14:8)

(Sulfur--Analysis) (Sulfides) (Potentiometric analysis)

LUK'YANITSA, V.G.; GAL'PERN, G.D.

Polarographic determination of free sulfur in petroleum products.
Khim.sera-i azotorg.sced.sod.v نفت.1 nefteprod. 3:121-129. '60.
(MIRA 14:6)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Petroleum products) (Sulfur--Analysis)

GAL'PERN, G.D.; GIRINA, G.P.; LUK'YANITSA, V.G.

Refinement of the iodometric potentiometric method for determining organic sulfides. Khim.sera-i azotorg.sced. sod.v neft.i nefteprod. 3:131-138 '60. (MIRA 14:6)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Sulfide) (Potentiometric analysis)

LUK'YANITSA, V.G.

First Hungarian Conference on Petroleum. Vest.AN SSSR 32
no.8:97-98 Ag '62. (MIRA 15:8)
(Petroleum industry—Congresses)

LUK*YANOV, A., polkovnik; NEFEDOV, G., podpolkovnik

New "beacon lights" illuminate our path. Komm.Vooruzh.Sil 2
no.20:61-62 0 '61. (MIRA 14:9)
(Russia--Armed forces)

GUSHCHIN, N.; LUK'YANOV, A.

Pleasure trips at the government's expense. Fin. SSSR 37 no.5:
68-69 My '63. (MIRA 16:5)

1. Nachal'nik shtatnogo upravleniya Ministerstva finansov
Kirgizskoy SSR (for Gushchin). 2. Glavnyy revizor shtatnogo
upravleniya Ministerstva finansov Kirgizskoy SSR (for Kul'yanov).
(Kirghizistan--Automobiles, Government)